### Course Description:

The basics of web design comprise this introductory course. An introduction to the history of the web, including current design trends, a survey of Internet architecture, as well as user experience fundamentals and usability will comprise this introductory-level course. Students will examine the structure and styling of web pages. Prerequisites: none. (2 hr. lecture; 2 hr. lab.)

### Course Competency

**Competency 1:** The student will analyze Internet architecture by:

1. Describing the necessary hardware infrastructure as well as the elements of a server stack and client software.
2. Differentiating the roles of people on a typical web design team.
3. Breaking down the parts of a typical web address URL, and examining how they direct signals from one part of the web to another.

**Learning Outcomes**

- Communication
- Critical thinking
- Computer / Technology Usage

**Competency 2:** The student will examine the structure of web pages by:

1. Differentiating the design functions of various content and layout boxes, such as headers, sidebars, main content, and footers.
2. Analyzing the design functions of various text elements, such as headings, paragraphs, and lists.
3. Differentiating between block-level and inline elements.
4. Designing the structure of a web site, and creating navigation links between the various pages.

**Learning Outcomes**

- Communication
- Critical thinking
- Computer / Technology Usage

**Competency 3:** The student will analyze the stylistic appearance attributes of web pages by:

- Communication
- Numbers / Data
- Critical thinking
- Computer / Technology Usage
### Aesthetic / Creative Activities

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Examining how to apply stylistic properties to content boxes, such as width, height, margins, padding, and background colors.</td>
</tr>
<tr>
<td>2.</td>
<td>Examining how to apply stylistic properties to text, such as fonts, size, leading, and colors.</td>
</tr>
<tr>
<td>3.</td>
<td>Examining how content boxes can be positioned side-by-side using the float and clear properties to design creative layouts.</td>
</tr>
</tbody>
</table>